

FREE POINTER POOL IMPLEMENTATION

ABSTRACT OF THE DISCLOSURE

A system and method for managing memory. A memory is parsed into memory blocks of memory segments. A logic circuit is associated with a memory block. The logic circuit has a first state when a memory segments in the associated memory block is available for data storage. Aspects of the invention may include a second logic circuit that is associated with a memory segment in a memory block. The second logic circuit has a first state when the associated memory segment is available for data storage. Aspects of the invention also include utilizing the first and second logic circuits for memory management.